Republic of Yemen
Ministry of Higher Education & Scientific Research
21 SEPTEMPER UMAS
Faculty of Faculty of Clinical Pharmacy
Department of Clinical Pharmacy
Unite of Development & Quality assurance

الجمهورية اليمنية
وزارة التعليم العالي والبحث العلمي
جامعـــة 21 سبتمبر للعلوم الطبية والتطبيقية
كلية الصيدلة السريرية
قسم.. الصيدلة السريرية
وحدة التطوير وضمان الجودة

دليل التدريب للحالات المرضية السريرية

Manual For Hospital Training (Formal Case Manual)

Dr. Ali Alyahawi

Ass. Professor of Clinical Pharmacy and Therapeutics

21 September University for Medicals & Applied Sciences

College of Clinical Pharmacy

Pharmaceutical Care Practice Forms

Table 1. Demographic & Administrative Information

Patient Name (ID):……..	**Physician Name:……...**
Address:……..	**Pt. Room Number:……..**
Age:……	**Occupation:……**
Gender:……	**Admission Date:……**
Height (cm):……	**GFR:……**
BMI(kg/m^2):……	**Discharge Date:……**
Marital Status:……	**Education Level:……..**

Chief of Complaint (Location, characteristics, aggravating and alleviating factors, timing and severity):

Past Medical / Surgical History:

Family / Social History(disease in first relative, care giver, living arrangement and daily activities)

Life style (Diet, smoking, exercise, alcohol, caffeine):

Current Medical problems (disease type, current status, duration):

ROS:

GEN.

HEENT

CAR.

ABD.

NEURO.

PSY.

Table 2. Vital sings / lab data (initial and follow up)

Date / Vital sings								Normal Range	Interpretation
Wt									
Temp									
Blood Pressure									
Pulse									
R.R.									
Pao_2									
WBC								4.00-10.0	
NEU								1.63-6.96	
LYM								1.09-2.99	
MON								.240-.790	
EOS								.030-.440	
BASO								0.00-1.00	
RBC								4.00-6.00	
HGB								13.0-18.0	
HCT								42.0-54.0	
HCV								76.0-96.0	
MCHC								30.035.0	
RDW								11.5-14.5	
PLT								155.-450	
ESR								Upto 10	
PT									
INR									
HbA1c								< 6.5 %	

T. Bilirubin								**Up to 18.8**	
D. Bilirubin								**Up to 3.4**	
SGOT								**Up to 42**	
SGPT								**Up to 42**	
ALK.Phosphatase								**52-171**	
Urea								**1.7-8.3**	
Creatinine								**50-106**	
Albumin								**50-35**	
K+								**3.5-5.3**	
Na+								**130-153**	
Ca++								**2.0-2.6**	

HbA_{1c} : Pre - DM (5.7-6.4 %) / DM >= 6.5% / Normal < 6.5 %

Table 3. Current (Actual) regimen

Indication	Actual regimen								Response (Monitoring Parameters)	Target Goals
	Drug	Start	Str.	Frq.	Route	Duration	Time	Meal		

Table 4. Pharmacotherapy regimen assessment sheet

Medical Condition	Drugs prescribed	Recommended drug (taking into consider stage, liver and kidney function, age pregnancy, other disease, drugs and individual patient characteristics)	Reference - According to : (Guidelines, Evidence-based medicine)	Monitoring Parameter (Safety/Effectiveness)	Dosage Instructions	Comments

Table 5. Drugs / Food Interactions

Drugs /Food	Severity of interaction (Major –Moderate-Minor)	Mechanism of Action	Management

Table 6. Pharmaceutical Care plan

Date	Indication	Treatment Related Problem to be resolved	Goals of Therapy (Target Goals)	Pharmacotherapy Interventions (Recommendations)

Table 7. Evaluation

Medical Condition: _____

	Outcome Parameter	Pretreatment Baseline (Date)	First Follow-up (Date)	Second Follow-up (Date)
Effectiveness	Sign/symptom			
	Sign/symptom			
	Lab value			
	Lab value			
Safety	Sign/symptoms			
	Signs/symptoms			
	Lab value			
	Lab value			
	Other			
Status	STATUS **Initial:** goals being established, initiate new therapy **Resolved:** goals achieved, therapy completed **Stable:** goals achieved, continue same therapy **Improved:** adequate progress being made, continue same therapy **Partial Improvement:** progress being made, adjustments in therapy required **Unimproved:** no progress yet, continue same therapy **Worsened:** decline in health, adjust therapy **Failure:** goals not achieved, discontinue current therapy and replace with different therapy			
	New Drug Therapy Problems Identified		☐ none at this time ☐ documented	☐ none at this time ☐ documented

Date	Schedule for next follow-up	Comments

Signature_____ Date_____

Drug Therapy Problems to be Resolved

Drug Therapy Problems

Medical Condition and Drug Therapy Involved	Indication
	Unnecessary Drug Therapy __No medical indication __Duplicate therapy __Nondrug therapy indicated __Treating avoidable ADR __Addictive/recreational ***Needs Additional Drug Therapy*** __Untreated condition __Preventive/prophylactic __Synergistic/potentiating
Medical Condition and Drug Therapy Involved	**Effectiveness**
	Needs Different Drug Product __More effective drug available __Condition refractory to drug __Dosage form inappropriate __Not effective for condition ***Dosage Too Low*** __Wrong dose __Frequency inappropriate __Drug interaction __Duration inappropriate
Medical Condition and Drug Therapy Involved	**Safety**
	Adverse Drug Reaction __Undesirable effect __Unsafe drug for patient __Drug interaction __Dosage administered or changed too rapidly __Allergic reaction __Contraindications present ***Dosage Too High*** __Wrong dose __Frequency inappropriate __Duration inappropriate __Drug interaction __Incorrect administration
Medical Condition and Drug Therapy Involved	**Compliance**
	Noncompliance __Directions not understood __Patient prefers not to take __Patient forgets to take __Drug product too expensive __Cannot swallow/administer __Drug product not available

____No Drug Therapy Problem(s) at this time